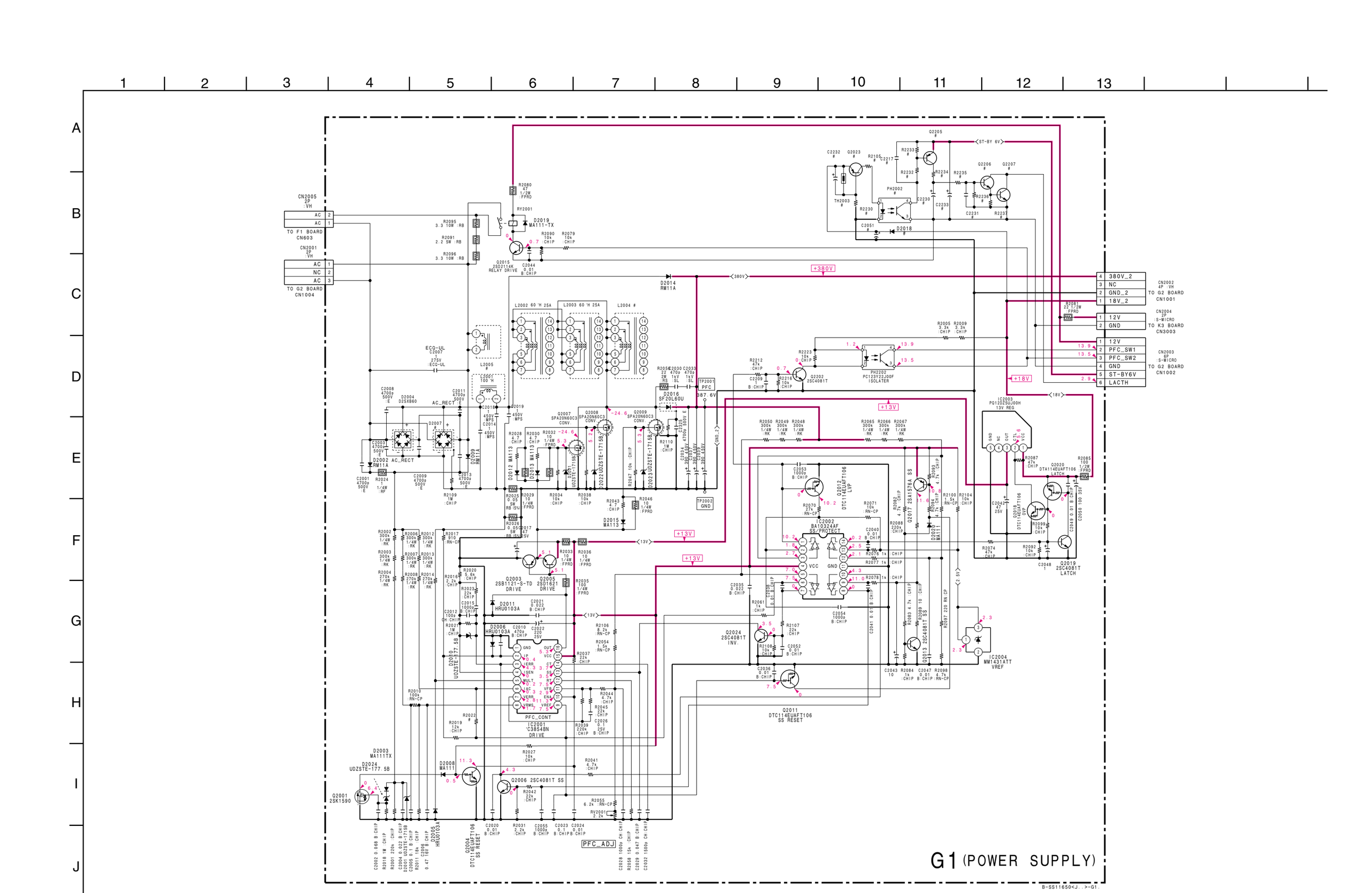
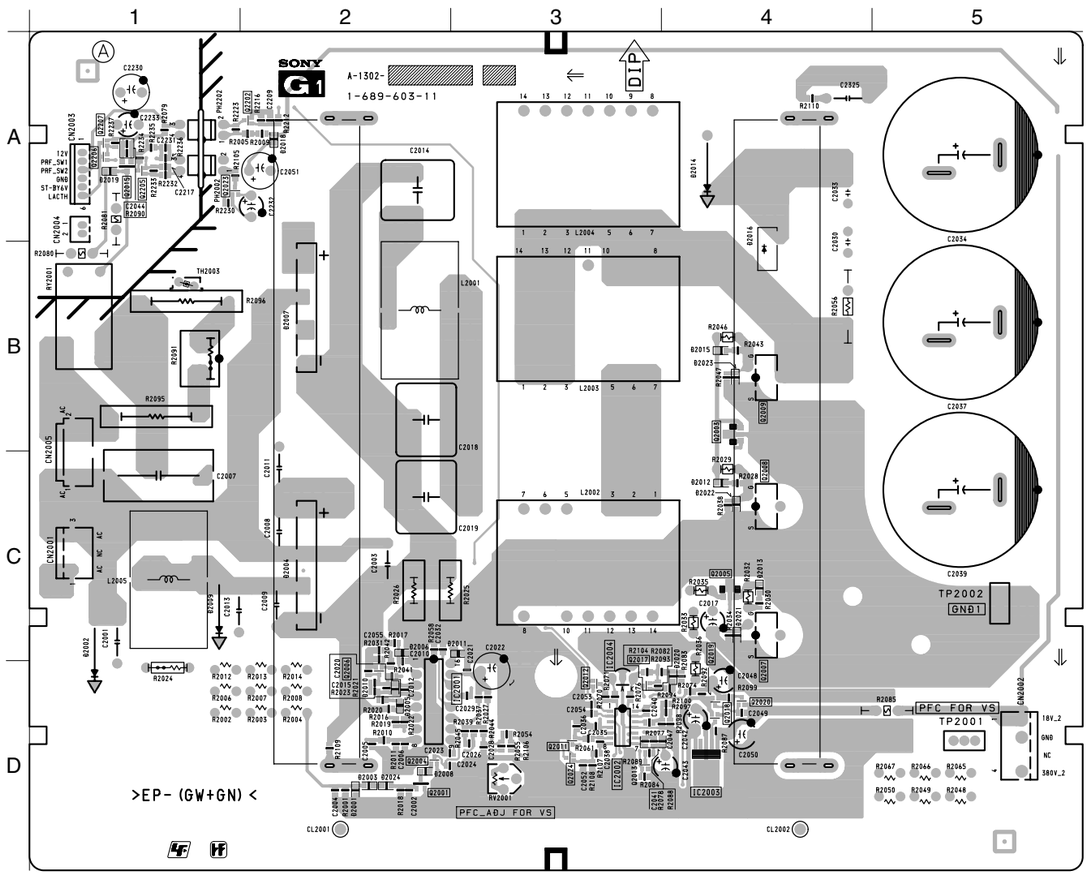
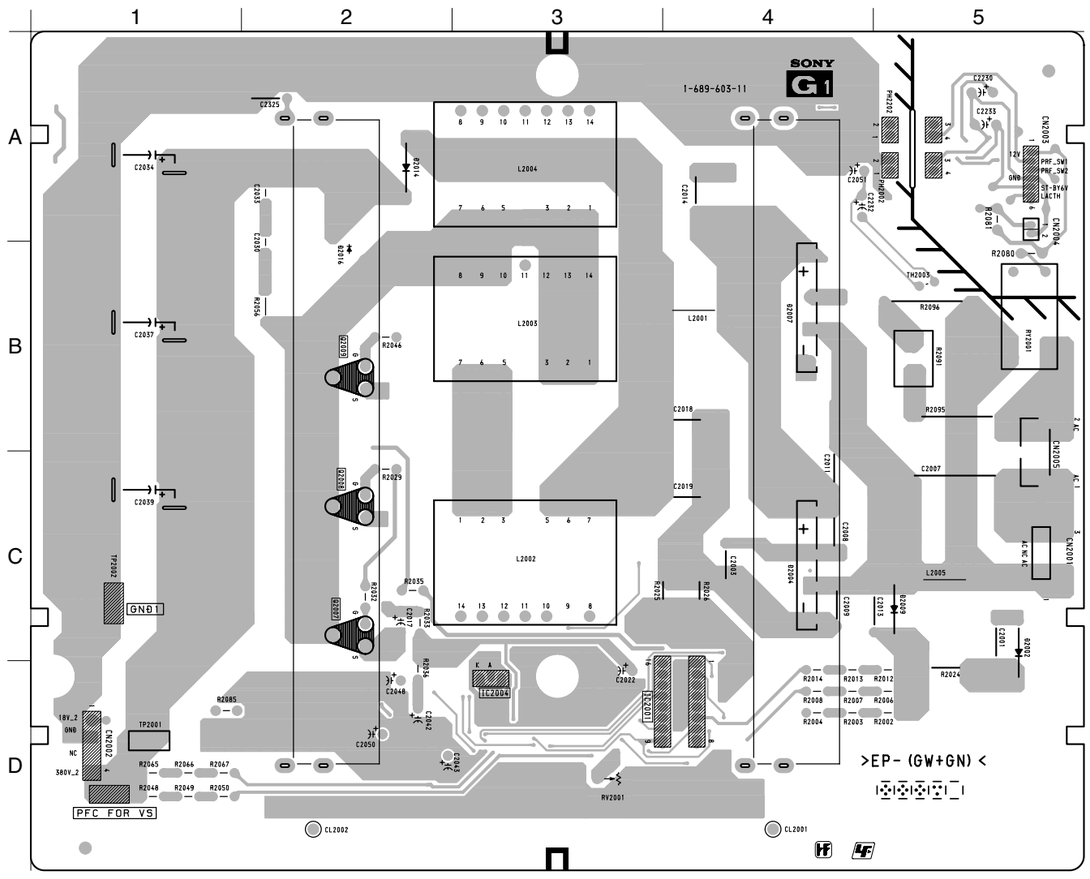

CN2005
AC
AC
TO F1 BOARD
CN603
CN2001
AC
NC
AC
TO G2 BOARD
CN1004
D2019
MA111-TX
Q2015
2SD2114K
RELAY DRIVE
D2014
RM11A
+380V
380V
L2002 60 'H 25A
L2003 60 'H 25A
L2004 #
L2005 #
ECO-UL
C2007
275V
:ECO-UL
AC_RECT
D2002 AC_RECT
RM11A
D2004
D2SB60
D2007
D2009
RM11A
D2013
RM11A
D2016
SF20L60U
TP2001
PFC
387.6V
TP2002
GND
GND_2
Q2007
SPA20N60C3
CONV
Q2008
SPA20N60C3
CONV
Q2009
SPA20N60C3
CONV
D2012 MA113
D2013 MA113
D2022
UDZSTE-1715B
D2023
UDZSTE-1715B
R2110
1W
:CHIP
R2109
1W
:CHIP
D2015
MA113
R2046
10
1/4W
:FPRD
R2043
4.7
:CHIP
R2047 10k :CHIP
R2034
:CHIP
R2038
10k
:CHIP
R2029
10
1/4W
:FPRD
R2025
0.05
5W
RB (5%)
R2026
0.05Ω
5W
RB (5%)
D2017
47
25V
+13V
R2033
10
1/4W
:FPRD
R2035
100
1/4W
:FPRD
R2036
10
1/4W
:FPRD
Q2003
2SB1121-S-TD
DRIVE
Q2005
2SD1621
DRIVE
D2011
HRU0103A
D2006
HRU0103A
C2010
470p
B:CHIP
C2022
220
25V
D2010
UDZSTE-177.5B
IC2001
'C3854BN
DRIVE
PFC_CONT
R2037
22k
:CHIP
R2106
8.2k
:RN-CP
R2054
1.5k
:RN-CP
R2044
4.7k
:CHIP
R2045
22k
:CHIP
C2026
0.1
25V
B:CHIP
R2039
220k
:CHIP
R2022
#
R2019
1.2k
:CHIP
R2027
10k
:CHIP
R2041
4.7k
:CHIP
D2003
MA111TX
D2024
UDZSTE-177.5B
D2008
MA111
Q2006 2SC4081T SS
R2042
22k
:CHIP
R2055
6.2k
:RN-CP
RV2001
2.2k
PFC_ADJ
Q2001
2SK1590
C2002 0.068 B:CHIP
R2018 1M :CHIP
R2001 220k :CHIP
C2004 0.022 B:CHIP
D2001 UDZSTE-1715B
C2005 0.1 B:CHIP
R2001 1.8Ω
C2006
0.47 16V B:CHIP
D2005
HRU0103A
Q2004
DTC114EUAFT106
SS RESET
C2020
0.01
B:CHIP
R2031
2.2k
:CHIP
C2055
1000p
B:CHIP
C2023
0.1
B:CHIP
C2024
0.01
B:CHIP
C2028 1000p CH :CHIP
R2058 15k :CHIP
C2029 0.047 B:CHIP
C2032 1500p CH :CHIP
Q2205
#
ST-BY 6V
C2232
#
Q2023
#
R2105
#
C2217
#
R2233
#
R2232
#
R2234
#
R2235
#
Q2206
#
Q2207
#
TH2003
#
PH2002
#
C2230
#
C2233
#
R2236
#
C2231
#
R2237
#
R2230
#
C2051
#
D2018
#
R2080
47
1/2W
:FPRD
RY2001
R2095
3.3 10W :RB
R2091
2.2 5W :RB
R2096
3.3 10W :RB
R2090
10k
:CHIP
R2079
10k
:CHIP
C2044
0.01
B:CHIP
R2205
C2030
470p
1kV
:SL
C2033
470p
1kV
:SL
R2212
47k
:CHIP
C2209
1
B:CHIP
R2223
10k
0:CHIP
R2216
10k
:CHIP
Q2202
2SC4081T
PH2202
PC123Y22J00F
ISOLATER
R2005
3.3k
:CHIP
R2009
3.3k
:CHIP
+18V
18V
+13V
IC2003
PQ12DZ5UJ00H
13V REG
GND
NC
OUT
VCC
R2050
300k
1/4W
:RK
R2049
300k
1/4W
:RK
R2048
300k
1/4W
:RK
R2065
300k
1/4W
:RK
R2066
300k
1/4W
:RK
R2067
300k
1/4W
:RK
C2053
1000p
B:CHIP
Q2012
DTC114EUAFT106
LVP
R2070
27k
:RN-CP
R2071
10k
:RN-CP
IC2002
BA10324AF
SS/PROTECT
VCC
GND
C2040
0.01
B:CHIP
R2076
1k
:CHIP
R2077
1k
:CHIP
R2078
1k
:CHIP
C2035
0.022
B:CHIP
C2036
0.01
B:CHIP
C2054
1000p
B:CHIP
R2061
1k
:CHIP
Q2024
2SC4081T
INV.
R2107
22k
:CHIP
R2108
10k
:CHIP
C2052
0.01
B:CHIP
C2036
0.01
B:CHIP
Q2011
DTC114EUAFT106
SS RESET
R2062
4.7k
:CHIP
Q2017
2SA1576A
SS
R2063
4.7k
:CHIP
R2088
220k
:CHIP
R2089
10
:CHIP
Q2013
2SC4081T
SS
C2043
10
:CHIP
R2084
1k
:CHIP
C2047
0.01
B:CHIP
R2098
4.7k
:RN-CP
R2097
220
RN-CP
2.5V
IC2004
MM1431ATT
VREF
R2100
1.5k
:RN-CP
R2104
10k
:CHIP
C2042
47
25V
Q2016
DTC114EUAFT106
OVP
R2099
10k
:CHIP
R2074
:CHIP
R2092
10k
:CHIP
C2048
1
Q2019
2SC4081T
LATCH
C2049 0.01 B:CHIP
C2050 100 35V
R2085
100
1/2W
:FPRD
Q2020
DTA114EUAFT106
LATCH
R2087
47k
:CHIP
C2042
47
25V
R2081
22 1/2W
:FPRD
CN2002
4P :VH
TO G2 BOARD
CN1001
4 380V_2
3 NC
2 GND_2
1 18V_2
CN2004
9P
:S-MICRO
TO K3 BOARD
CN3003
1 12V
2 GND
CN2003
6P
:S-MICRO
TO G2 BOARD
CN1002
1 12V
2 PFC_SW1
3 PFC_SW2
4 GND
5 ST-BY6V
6 LACTH
G1 (POWER SUPPLY)
B-SS11650<J..>-G1.



<COMPONENT SIDE>



<CONDUCTOR SIDE>

- **G1 BOARD SEMICONDUCTOR LOCATION**

IC		
	(Component Side)	(Conductor Side)
IC2001	D-2	
IC2002	D-3	
IC2003	D-4	
IC2004	D-3	

TRANSISTOR			
	(Component Side)	(Conductor Side)	✻
Q2001	D-2		⑬
Q2003	B-4		-
Q2004	D-2		②
Q2005	C-4		-
Q2006	D-2		②
Q2007	C-4		-
Q2008	C-4		-
Q2009	B-4		-
Q2011	D-3		②
Q2012	D-3		②
Q2013	D-3		②
Q2015	A-1		②
Q2017	D-3		②
Q2018	D-4		②
Q2019	D-4		②
Q2020	D-4		②
Q2023	A-1		②
Q2024	D-3		②
Q2202	A-2		②
Q2205	A-1		②
Q2206	A-1		②
Q2207	A-1		②

DIODE			
	(Component Side)	(Conductor Side)	✻
D2001	D-2		③
D2002	C-1		-
D2003	D-2		③
D2004	C-2		-
D2005	D-2		③
D2006	C-2		③
D2007	B-2		-
D2008	D-2		③
D2009	C-1		-
D2010	D-2		③
D2011	C-3		③
D2012	C-4		③
D2013	C-4		③
D2014	A-4		-
D2015	B-4		③
D2016	B-4		-
D2018	A-2		③
D2019	A-1		③
D2020	D-4		③
D2021	C-4		③
D2022	C-4		③
D2023	B-4		③
D2024	D-2		③

✻: Refer to Terminal name of semiconductors in silk screen printed circuit (see page 3-12)